



Applicant: Blair, et al.
Appl. No. 09/545,017

Version with markings to show changes made to the specification:

Specification, Page 5, Original Lines 4-6:

FIG. 6 is a perspective view of a portable speed bump unit with visual markings;

FIG. [7] 7A is a perspective view of an alternative portable speed bump unit; [and]

FIG. 7B is a perspective view of an alternative portable speed bump unit; and

FIG. 8 is a perspective view of a portable speed bump cell having a bottom pad.

Specification, Page 10, Original Lines 13-26:

[FIG. 7] FIG. 7A is a perspective view of a PSB unit 700 showing a plurality of PSB cells 702, 712, 714 connected via hinge bars, e.g., hinge bars 716, 718. In this embodiment, each PSB cell, e.g., PSB cell 702, incorporates a controller 720 for activating: a means for counting vehicles that pass over the PSB unit 700, a means for activating an alarm 722 if a vehicle passes over the PSB unit 700, or a means for heating the PSB cells 702, 712, 714 so that ice and snow do not cover or interfere with the PSB unit 700. A means for counting is well known in the relevant art and is commercially available. It would be readily apparent to one of ordinary skill in the relevant art to incorporate such a means into the PSB unit 700 of the present invention. A means for counting may count the number of vehicles, or count vehicles of a specific weight. In this embodiment, a weight sensor 708 is embedded within each PSB cell 702. Therefore, when a vehicle passes over the PSB cell 702, the sensor 708 detects the vehicle and sends a signal back to a controller 720 which increments a vehicle counter. The sensor 708 is connected to the controller 720 via a wire 710 that runs parallel to the hinge bars 716, within one or more hinge support channels 704, 706 respectively, in order to traverse the length of the PSB unit 700 from the PSB cell 702 to the controller 720.

Specification, Page 11, Original Lines 8-16:

A means for heating the PSB cells 702 is also well known in the relevant art and is commercially available. It would be readily apparent to one of ordinary skill in the relevant art to incorporate such a means into the PSB unit 700 of the present invention as shown in

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FIG. 7B. In this embodiment, a heater [708] 709 is embedded within each PSB cell 702 and is activated by a controller 720. Therefore, when activated, the controller 720 turns on the heater [708] 709 to heat the PSB cell 702, thereby melting any snow or ice that may have accumulated on the top surface 724 of the PSB cell 702. The heater [708] 709 is connected to the controller 720 via a wire 710 that runs parallel to the hinge bars 716 in order to traverse the length of the PSB unit 700 from the PSB cell 702 to the controller 720. By removing the snow and ice, visibility and safety are increased.

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Version with markings to show changes made to claim 1:

1. (Amended) A portable speed bump unit for slowing a vehicle, comprising:
a plurality of speed bump cells, each said speed bump cell being a block and having a bottom and a top surface, said top surface starting at a front edge of said bottom, rising to a top point above said bottom, and falling to a back edge of said bottom, such that the plurality of speed bump cells is capable of supporting the weight of the vehicle; and
a means for pivotally interconnecting said plurality of speed bump cells, wherein [said plurality of speed bump cells can be rolled up for storage purpose and unrolled for deployment.] the portable speed bump unit is stored by rolling up said plurality of speed bump cells and is deployed by unrolling said plurality of speed bump cells.